

# Converting Colors

Hex(EAECA3)

Have a look what the booklet for  
Hex(EAECA3) contains.

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# **Color**

**Hex(EAECA3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EAECA3
RGB	234, 236, 163
RGB Percent	92%, 93%, 64%
CMY	0.0824, 0.0745, 0.3608
CMYK	0.01, 0.00, 0.31, 0.07
HSL	62°, 66%, 78%
HSV	62°, 31%, 93%
XYZ	70.5380, 80.1277, 46.3988
YIQ	227.0800, 22.2410, -23.1270

# Conversions

## Conversions Part 2

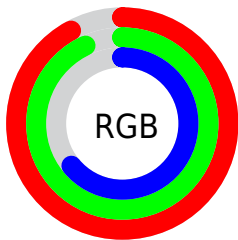
<b>Format</b>	<b>Color</b>
<b>RYB</b>	163, 236, 165
Decimal	15396003
CIELab	91.74, -11.72, 35.26
CIELCh	92, 37.155, 108.384
Yxy	80.1277, 0.3579, 0.4066
Android (android.graphics.Color)	4293586083 (0xFFEAECA3)
YUV	227.0800, -31.5914, 6.0688
Hunter-Lab	89.5141, -15.9898, 31.9274

# Details

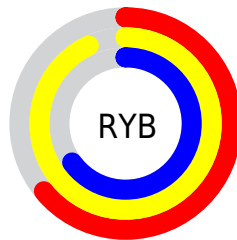
The Hex color **EAECA3** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **A5A3EC**, and the grayscale version is **E3E3E3**.

A 20% lighter version of the original color is **FFFFDA**, and **B1B46E** is the 20% darker color. If you saturate the color by 10%, you get **E9EC8B**, and if you desaturate by 10%, it is **EBECBB**.

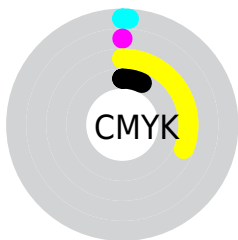
# Distribution



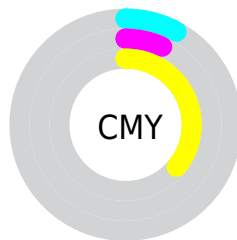
- Red (92%)
- Green (93%)
- Blue (64%)



- Red (64%)
- Yellow (93%)
- Blue (65%)



- Cyan (1%)
- Magenta (0%)
- Yellow (31%)
- Black (7%)



- Cyan (8%)
- Magenta (7%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EAECA3 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color EAECA3 by changing the saturation by 10% instead.



 EAECA3

 EAECA3

FFFFFF

 CDD088

 FFFFDA

 B1B46E


 FFFFF7

 969A55

 7B803D

 626725

 494F0D

 313800

 192300

 000C00

 EAECA3

 EAECA3

 E9EC8B

 EBECBB

 E9EC74

 EBECD2

 E8EC5C

 ECECEA

 E7EC45

 EDECFE

 E7EC2D

 EECEFF

 E6EC15

 EFCEFF

 E6EC00

 F0CEFF

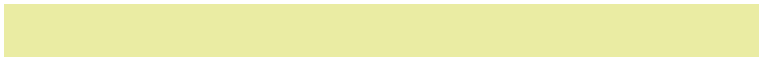
# Harmonies

## Analogous

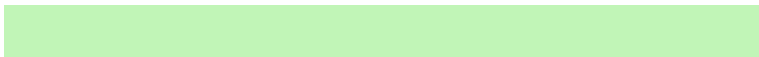
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE0A2



EAECA3



C1F5B7

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



EAECA3



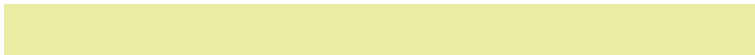
7CF7FF



FFCE7

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



EAECA3



A5A3EC

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD7FF



EAECA3



A5EFFF

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



EAECA3



7AFBFD



D9E3FF



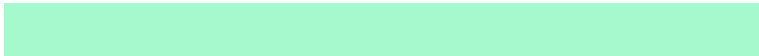
FFCDD2

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EAECA3



A6F9CC



D9E3FF



FFD0FF



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



EAECA3



FEFFE8



ECA4A3



7F8071



000000



808080



# Same Dimension

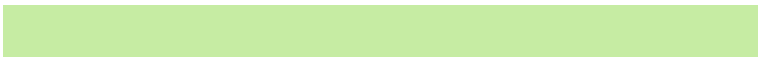
The Same Dimension uses a secret algorithm to generate beautiful new colors.



EAECA3



FCFFA1



C6ECA3



75756A



B0B500



343600



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



A5A3EC



A3A1FF



C9A3EC



6A6A75



0500B5

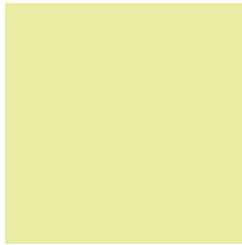


010036



# Previews

## White Background



This preview shows how the Hex color EAECA3 looks on a white background.

## Color Contrast Check

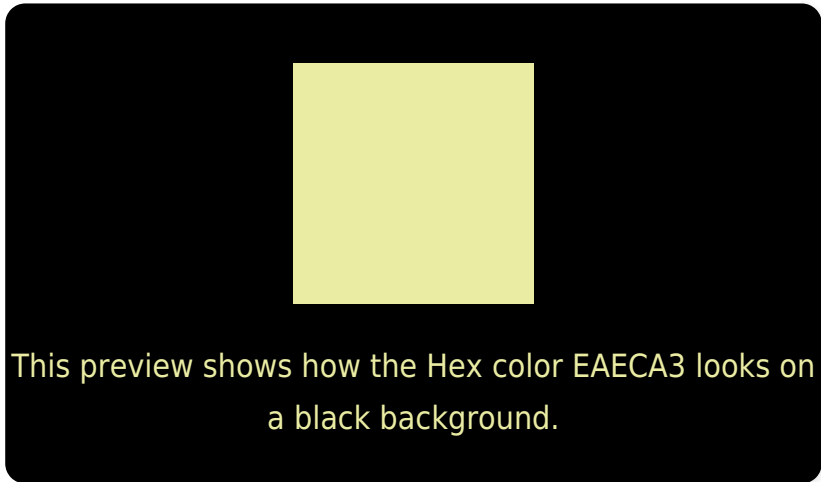
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

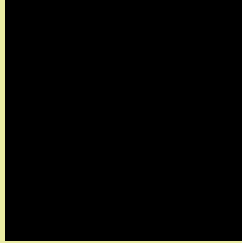
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex EAECA3 Background



This preview shows how black text looks on a background with the Hex color EAECA3.

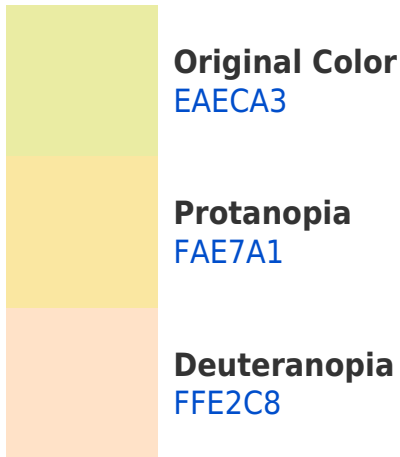


This preview shows how white text looks on a background with the Hex color EAECA3.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

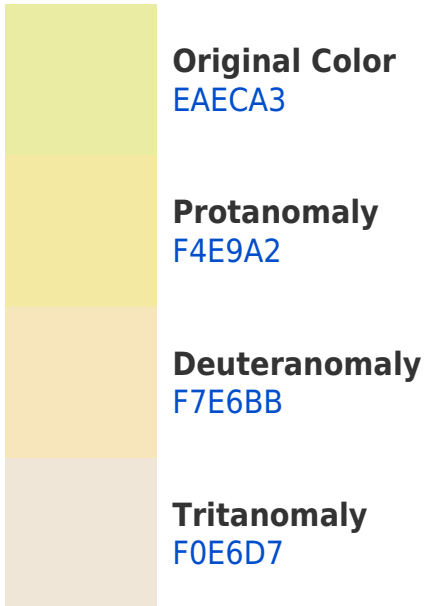
## Dichromacy



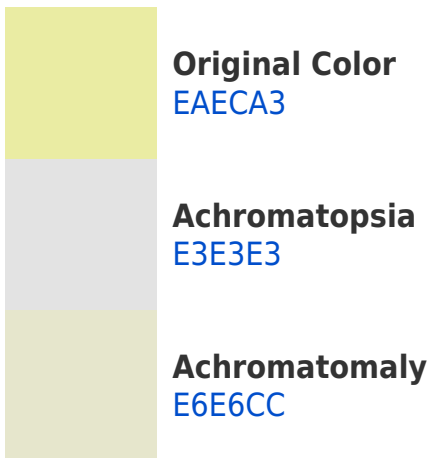


**Tritanopia**  
F4E2F4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EAECA3 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #EAECA3 looks like.

```
.text, #text, p{  
    color:#EAECA3  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #EAECA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EAECA3  
}
```

## Border

The CSS property to change the border of an element to Hex EAECA3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#EAECA3 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#EAECA3 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #EAECA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EAECA3; -webkit-box-shadow:4px 4px  
4px 4px #EAECA3; box-shadow:4px 4px 4px  
4px #EAECA3 }
```

# Background

The CSS property to change the background color of an element to Hex EAECA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EAECA3 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#EAECA3 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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